

SN. 09/876,179

ATTORNEY DOCKET NO. WATA:012

IN THE CLAIMS

The status of the claims as presently amended is as follows (with the changes identified):

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1. (Currently Amended) A substrate for a reflection type liquid crystal display element, comprising:
- a transparent substrate; and
 - a reflective mirror formed on top of said transparent substrate;
- wherein said reflective mirror comprises a predetermined number of high-refractive-index first transparent films composed of a first dielectric material and low-refractive-index second transparent films composed of a second dielectric material laminated alternately on said transparent substrate, and
- wherein either or both of said first transparent films and said second transparent films are arranged such that a film thickness thereof increases progressively or decreases progressively with distance from said transparent substrate to suppress occurrence of ripples in an optical reflection spectrum or optical transmission spectrum across a visible region.
2. (Original) A substrate for a reflection type liquid crystal display element as claimed in claim 1, wherein said first transparent films are arranged such that a film thickness thereof increases progressively or decreases progressively with distance from said transparent substrate.
3. (Original) A substrate for a reflection type liquid crystal display element as claimed in claim 1, wherein said predetermined number is in a range of 3 to 14.
4. (Original) A substrate for a reflection type liquid crystal display element as claimed in claim 1, wherein said predetermined number is 3 or 4.
5. (Original) A substrate for a reflection type liquid crystal display element as claimed in claim 1, wherein each of said first transparent films has a refractive index of at least 1.8 at a wavelength of 550nm, and each of said second transparent films is laminated on top of one of

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said first transparent films and has a refractive index of not more than 1.5 at the wavelength of 550nm.

6. (Original) A substrate for a reflection type liquid crystal display element as claimed in claim 1, wherein said first transparent films are formed of a high-refractive-index material having titanium dioxide as a principal component, and said second transparent films are formed of a low-refractive-index material having silicon dioxide as a principal component.

7. (Original) A substrate for a reflection type liquid crystal display element as claimed in claim 1, further comprising a base film having silicon dioxide as a principal component laminated on top of said transparent substrate.

8. (Original) A substrate for a reflection type liquid crystal display element as claimed in claim 1, wherein one of said first transparent films furthest from said transparent substrate is a photocatalytically active film having titanium dioxide as a principal component.

9. (Original) A substrate for a reflection type liquid crystal display element as claimed in claim 8, further comprising a hydrophilic thin film having silicon dioxide as a principal component laminated on top of said one of said first transparent films.

10. (Original) A substrate for a reflection type liquid crystal display element as claimed in claim 7, further comprising a transparent rugged scattering layer laminated between said transparent substrate and said base film.